

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022249.D
 Acq On : 28 May 2021 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 2:27:29 PM

Quant Time: May 28 11:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	77637	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	147924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63850	53.31	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.62%			
35) Dibromofluoromethane	5.391	113	49448	52.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.42%			
50) Toluene-d8	8.653	98	188932	52.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.56%			
62) 4-Bromofluorobenzene	11.085	95	72706	54.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.88%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44914	47.59	ug/l	99
3) Chloromethane	1.294	50	45519	44.71	ug/l	100
4) Vinyl Chloride	1.374	62	50989	47.33	ug/l	100
5) Bromomethane	1.599	94	26426	42.07	ug/l	97
6) Chloroethane	1.678	64	32580	50.79	ug/l	100
7) Trichlorofluoromethane	1.880	101	76213	49.20	ug/l	96
8) Diethyl Ether	2.136	74	33435	50.19	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	47985	52.17	ug/l	92
10) Methyl Iodide	2.453	142	48616	49.18	ug/l	96
11) Tert butyl alcohol	2.977	59	76294	278.53	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44687	50.22	ug/l	97
13) Acrolein	2.239	56	44865	246.96	ug/l	99
14) Allyl chloride	2.660	41	86666	53.03	ug/l	97
15) Acrylonitrile	3.068	53	154929	287.30	ug/l	99
16) Acetone	2.386	43	151248	290.04	ug/l	96
17) Carbon Disulfide	2.508	76	94309	40.47	ug/l	98
18) Methyl Acetate	2.709	43	81786	58.97	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	164741	54.05	ug/l	99
20) Methylene Chloride	2.788	84	54552	47.12	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	48781	50.40	ug/l	92
22) Diisopropyl ether	3.769	45	174341	55.39	ug/l	96
23) Vinyl Acetate	3.727	43	835973	275.83	ug/l	95
24) 1,1-Dichloroethane	3.611	63	98193	53.16	ug/l	98
25) 2-Butanone	4.562	43	245423	290.91	ug/l	95
26) 2,2-Dichloropropane	4.477	77	82940	50.58	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	61347	52.12	ug/l	97
28) Bromochloromethane	4.897	49	47524	53.03	ug/l	83
29) Tetrahydrofuran	5.013	42	140970	280.75	ug/l	91
30) Chloroform	5.099	83	99093	51.92	ug/l	100
31) Cyclohexane	5.470	56	72848	48.41	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	83785	51.37	ug/l	97
36) 1,1-Dichloropropene	5.696	75	70539	51.57	ug/l	99
37) Ethyl Acetate	4.721	43	92600	55.23	ug/l	95
38) Carbon Tetrachloride	5.678	117	67886	50.74	ug/l	97
39) Methylcyclohexane	7.385	83	78312	50.48	ug/l	99
40) Benzene	6.043	78	221670	52.67	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51005	56.86	ug/l	94
42) 1,2-Dichloroethane	6.092	62	81670	55.39	ug/l	98
43) Isopropyl Acetate	6.348	43	156478	57.05	ug/l	94
44) Trichloroethene	7.129	130	52546	50.24	ug/l	91
45) 1,2-Dichloropropane	7.433	63	59284	55.22	ug/l	99
46) Dibromomethane	7.586	93	39373	54.06	ug/l #	86
47) Bromodichloromethane	7.824	83	77531	53.19	ug/l	99
48) Methyl methacrylate	7.696	41	71792	56.80	ug/l	91
49) 1,4-Dioxane	7.665	88	28671	1165.06	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	484704	295.03	ug/l	91
52) Toluene	8.720	92	138060	51.80	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	89509	53.20	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	98111	54.24	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	59131	54.65	ug/l	97
56) Ethyl methacrylate	9.116	69	97702	55.87	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	102904	55.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	251200	265.60	ug/l	97
59) 2-Hexanone	9.433	43	371629	300.76	ug/l	91
60) Dibromochloromethane	9.525	129	55895	53.10	ug/l	97
61) 1,2-Dibromoethane	9.610	107	61308	56.91	ug/l	97
64) Tetrachloroethene	9.275	164	45933	51.43	ug/l	94
65) Chlorobenzene	10.079	112	146661	51.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52347	53.20	ug/l	97
67) Ethyl Benzene	10.195	91	273028	52.41	ug/l	99
68) m/p-Xylenes	10.305	106	201205	102.20	ug/l	97
69) o-Xylene	10.646	106	100646	52.57	ug/l	100
70) Styrene	10.659	104	170026	54.21	ug/l	99
71) Bromoform	10.805	173	34405	45.75	ug/l #	99
73) Isopropylbenzene	10.963	105	264836	49.60	ug/l	99
74) N-amyl acetate	10.848	43	138963	54.83	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	96836	54.72	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87494m	56.22	ug/l	
77) Bromobenzene	11.201	156	56528	49.93	ug/l	88
78) n-propylbenzene	11.305	91	318125	50.87	ug/l	99
79) 2-Chlorotoluene	11.366	91	190420	50.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	225792	51.02	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	33601	51.15	ug/l	97
82) 4-Chlorotoluene	11.457	91	219276	50.18	ug/l	96
83) tert-Butylbenzene	11.719	119	211099	49.74	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	228429	51.28	ug/l	99
85) sec-Butylbenzene	11.896	105	274531	50.90	ug/l	98
86) p-Isopropyltoluene	12.012	119	235095	51.61	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111072	50.88	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	111644	49.48	ug/l	97
89) n-Butylbenzene	12.335	91	224354	53.24	ug/l	98
90) Hexachloroethane	12.542	117	36560	48.56	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	107826	51.43	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20310	53.63	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	65949	52.13	ug/l	98
94) Hexachlorobutadiene	13.725	225	24952	50.53	ug/l	97
95) Naphthalene	13.780	128	271082	54.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67164	52.67	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

